

ABSTRACT

Various methods and apparatuses are described in which an interconnect couples to a plurality of initiator network resources and a plurality of target network resources. The interconnect may include a first stage of circuitry, a second stage of circuitry, and an arbitration controller. The first stage of circuitry receives incoming transactions from the plurality of initiator network resources. The second stage of circuitry passes outgoing transactions to the plurality of target network resources connecting to the interconnect. The arbitration controller arbitrates transactions from the plurality of initiator network resources destined to one or more of the target network resources. The target network resources supply their availability to service a transaction to the arbitration controller. The arbitration controller implements an arbitration policy that filters out transactions from the arbitration process those transactions from initiator network resources destined to target network resources that are currently not available to service a transaction.